



improve your life

AIR CONDITIONING CATALOGUE  
2012

# Split

Juno Ⓜ  
Split inverter



Juno Ⓞ  
Split on/off



Juno Ⓜ  
Split inverter dual



improve your life

[www.argoclima.com](http://www.argoclima.com)

# Portable units



Dados



Ultra



Polifemo



Primo

Twin



Ulisse



# DADOS

*XL and 9/13*



# Single-duct portable air conditioner

## 9/13000 BTU/h

*A small cube which cools, heats, dehumidifies and ventilates.*

*An elegant year-round accessory suited to modern and traditional environments alike, which can also be used as a handy stand.*

**Dados XL:** 13000 BTU/h of cooling capacity, heating and dehumidification even at low temperatures; black/silver version with velvety finish on the outer surface.

**Dados 13:** 13000 BTU/h of cooling capacity plus dehumidification; in white high-gloss ABS.

**Dados 9:** 9000 BTU/h of cooling capacity plus dehumidification; in white high-gloss ABS.



- Concealed wheels



- Velvety finish on the outer surface



- White high-gloss ABS



approx.  
50 cm



improve your life

# ULTRA

*Aluminum & White*



# Single-duct portable air conditioner 12000 BTU/h

*Elegant, technological, environmentally friendly.*

*In anodised aluminium or painted hi-gloss white.*

*Frozen finish PMMA top, white screen printed secondary surface, can be used as a stand.*

*Innovative air diffusion system.*

*Special system for top application for easier maintenance.*



- Discreet operating LED



- Handy stand



**Ultra Aluminum**



**Ultra White**

# POLIFEMO



# Evaporative air cooler

*Very versatile appliance with an original design.*

*Cools naturally, thanks to the evaporative technology used.*

*Purifies air by means of a double filtration system.*

*Offers various options for customised ventilation.*

*Regulates humidity within the room.*

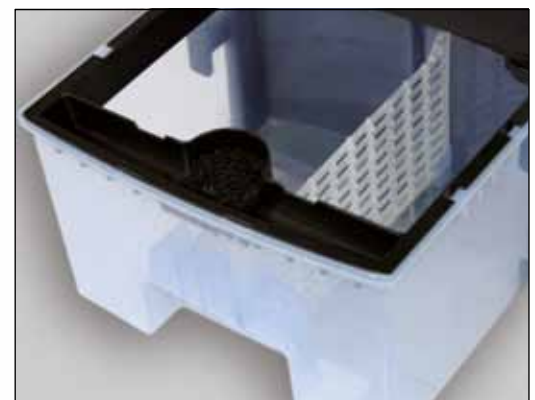
*Extremely easy to move, does not require additional piping.*



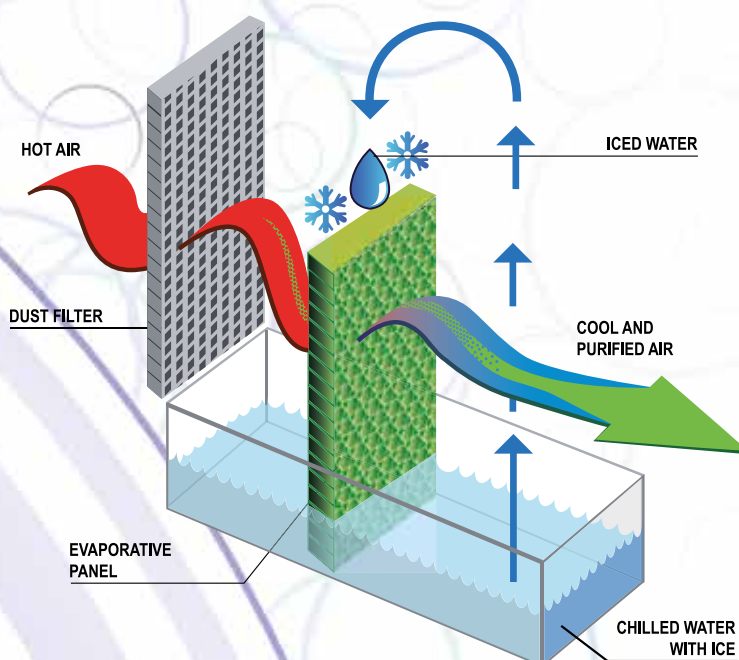
• LED display



• Control panel



• Rear tank: fill with water and add an ice pack if necessary, for operation in cooler/humidifier mode.



- Air is extracted from the room and passed through the dust filter and the evaporative panel, which is constantly humidified thanks to a system which draws water from the tank and sprays it onto the panel. The incoming hot air makes part of the water contained in the panel evaporate and is therefore cooler when released back into the room, which makes it feel as though the temperature has dropped.

# PRIMO 8 / 10

## Single-duct portable air conditioner 8/10000 BTU/h

*Compact, youthful and practical.*

*Digital display and control panel with a handy remote control compartment.*

*Clean, linear design to suit any décor.*



• LCD display



• Remote control can be stowed in a special compartment

# TWIN 14 A

## Single-duct portable air conditioner 14000 BTU/h

*Powerful cooling and dehumidification.*

*Can be used as a fixed or mobile appliance, thanks to the handy AeroQuip quick connectors.*

*Easy to move, with a special hanging for the outdoor unit.*



*Vaporisation of condensation via the outdoor unit*



# ULISSE Cooling only & heat pump

## Console air conditioner 10/13000 BTU/h

*Ideal solution when a split unit is required, but you do not have time to wait for an installer or do not want a fixed installation.*

*Ulisse is "movable", with a depth of just 24 cm.*

*It cools, heats and dehumidifies, exactly like a split unit.*

*Can be used as a fixed or mobile appliance, thanks to the handy AeroQuip connectors.*



# JUNO

INVERTER & ON/OFF

High wall split air conditioners



# JUNO

## INVERTER SINGLE & DUAL



**9 - 12 - 18 - 24000 BTU/h**  
Complete range



Full option

### Efficiency and Comfort



**Top-of-the-range efficiency:** DC Inverter PWM 180° technology with a broad modulation range guarantees optimal climatic and acoustic comfort in all seasons.



**Optimised consumption:** by modulating its power based on actual heat requirements, Juno Inverter minimises energy consumption.



**Optimal comfort:** even when it is extremely cold outside, the "intelligent defrosting" function maximises heating comfort.

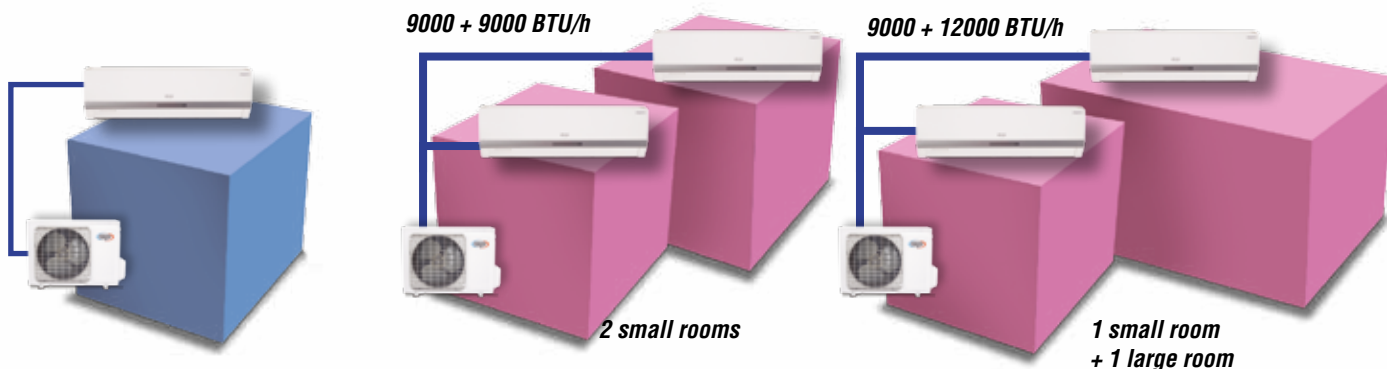
### Versatility and Flexibility

#### Single applications

for rooms of various sizes.

#### "Flexi match" dual applications:

a single outdoor unit for the climate control of two rooms, regardless of whether they are small or large.



# JUNO

## ON - OFF



**9 - 12 - 18 - 24000 BTU/h**

*Complete range*



## Functionality and Tradition



**Traditional on/off technology** for maximum simplicity.



**Wide range of functions** for year-round comfort.

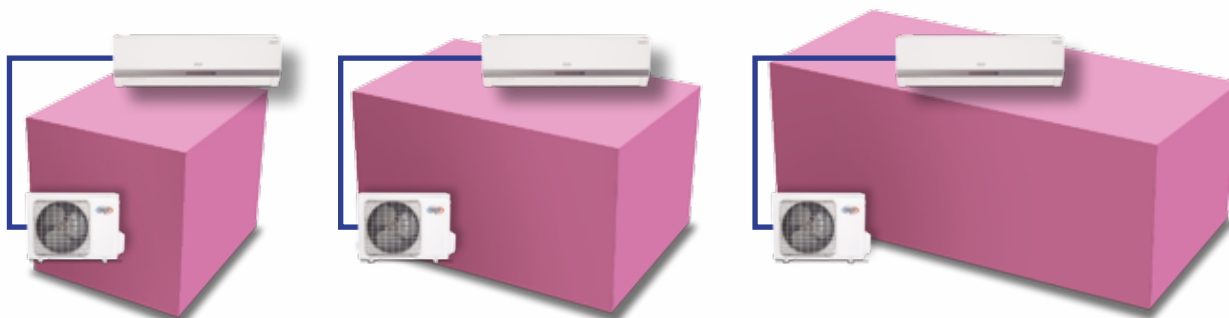


**Elegant and discreet.**

## The right capacity for every room

### **Single applications**

*for rooms of various sizes.*





## DADOS

Features	Units	9	13	XL	
Cooling capacity (35°C d.b.; 80% r.h.)	BTU/h	9.000	13.000	13.000	13.000
Cooling capacity <sup>(1)</sup> (35°C d.b.; 24°C w.b.)	kW	2,25	2,95	3,15	3,165
Energy Class	ABCDEFGF	A	A	A	A++
E.E.R. /C.O.P. <sup>(1)</sup> (35°C d.b.; 24°C w.b.)	(kW/kW)	2,70	2,60	2,95	3,30
Air flow rate (l.-m.-h.)	m <sup>3</sup> /h	280 - 300 - 350	290 - 310 - 360	290 - 360 - 420	
Dehumidification	l/24h	30	50	55	
Fan speed	n°	3+auto	3+auto	3+auto	
Sound pressure (l.-m.-h.)	dB(A)	37 - 38 - 40	38 - 39 - 42	40 - 43 - 48	
Electrical power supply	V/F/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Power input <sup>(1)</sup> (35°C d.b.; 24°C w.b.)	kW	0,832	1,135	1,069	0,960
Annual energy consumption in cooling mode (500h)-Dir. 2002/31/EC	kWh	416	568	535	-
Type of refrigerant		R410A	R410A	R410A	
Window opening diameter	mm	140	140	140	
Hose diameter	mm	135	135	135	
Hose length	m	1,2	1,2	1,2	
Net weight	kg	29	32	34	
Dimensions (H./W./D.)	mm	540x500x500	540x500x500	540x500x500	
Gross weight	kg	33,1	36,7	38,1	
Packing dimensions (H./W./D.)	mm	660x570x570	660x570x570	660x570x570	
Loading quantity (20'/40'/40'HQ)	no. Units	120/240/320	120/240/320	120/240/320	

(1) Tested in accordance with EN14511

## ULTRA aluminum & white



Features	Units	Cooling
Cooling capacity (35°C d.b.; 80% r.h.)	BTU/h	12.000
Cooling capacity <sup>(1)</sup> (35°C d.b.; 24°C w.b.)	kW	3.30
Energy Class	ABCDEFGF	A
E.E.R. (35°C d.b.; 24°C w.b.)	(kW/kW)	2.68
Air flow rate (h.-m.-l.)	m <sup>3</sup> /h	300-290-270
Dehumidification	l/h	1.3
Fan speed	N°	3
Sound pressure (h.-m.-l.)	dB(A)	45-43-41
Electrical power supply	V/F/Hz	230/1/50
Power input (35°C d.b.; 24°C w.b.)	kW	1.23
Annual energy cons. in cooling mode(500h)Dir. 2002/31/EC	kWh	615
Type of refrigerant		R410A
Window opening diameter	mm	135
Hose diameter	mm	115
Hose length	m	1
Net weight	kg	40
Dimensions (H./W./D.)	mm	750x440x373

(1) Tested in accordance with EN14511

## POLIFEMO



Features	Units	Cooling/Fan
Air flow rate	m <sup>3</sup> /h	360
Speed		High / Medium / Low
Maximum speed	m/s	10
Fan modes		Natural/Normal/Sleep
Extractable tank capacity	l	6
Power supply voltage	V/F/Hz	230/1/50
Power input	W	110
Dimensions (H./W./D.)	mm	890 / 408 / 282
Net weight	kg	7
Timer	h	0.5 - 7.5
Honeycomb evaporative panel		•
Water spray pump for evaporative cooling		•
Dust filter		•
Multi-functional remote control		•
Synthetic ice packs supplied (2 pcs)		•

The technical data provided refers to European Standard EN14511 - Directive 2002/31/EC

The technical data provided refers to European Standard EN14511 - Directive 2002/31/EC



### PRIMO

Features	Units	8	10
Cooling capacity (35°C d.b.; 80% r.h.)	BTU/h	8.000	10.000
Cooling capacity (1) (35°C d.b.; 24°C w.b.)	kW	2.3	2.75
Energy Class	ABCDEFGF	A	A
E.E.R. (35°C d.b.; 24°C w.b.)	(kW/kW)	2.67	2.62
Air flow rate (h.-m.-l.)	m <sup>3</sup> /h	270-260-240	290-280-260
Dehumidification	l/h	1	1.2
Fan speed	N°	3	3
Sound pressure (h.-m.-l.)	dB(A)	50-48-46	50-48-46
Electrical power supply	V/F/Hz	230/1/50	230/1/50
Power input (35°C d.b.; 24°C w.b.)	kW	0.86	1.05
Annual energy consumption in cooling mode (500h)-Dir. 2002/31/EC	kWh	430	525
Type of refrigerant		R410A	R410A
Window opening diameter	mm	135	135
Hose diameter	mm	115	115
Hose length	m	1	1
Net weight	kg	29	30
Dimensions (H./W./D.)	mm	746x460x384	746x460x384

(1) Tested in accordance with EN14511

### TWIN 14A

Features	Units	Cooling
Cooling capacity	kW	4.01
	BTU/h	13,670
Energy Class	ABCDEFGF	A
E.E.R.	(kW/kW)	3,21
Air flow rate (h.-l.)	m <sup>3</sup> /h	460-370
Dehumidification	l/h	1.6
Fan speed (I.U. / O.U.)	N°	3 + Auto / 1
Sound pressure I.U. (h.m.l.)	dB(A)	40-39-39
Sound pressure O.U. (h)	dB(A)	41
Electrical power supply	V/Ph/Hz	230/1/50
Power input	kW	1.250
Annual energy consumption in cooling mode (500h)-Dir. 2002/31/EC	kWh	625
Type of refrigerant		R410A
Standard pipe length	m	2
Additional pipe length	m	2-4
Maximum height difference between units (outdoor unit above)	m	1,2
Maximum height difference between units (outdoor unit below)	m	5,2
Net weight I.U. / O.U.	kg	41/10,5
Net dimensions I.U. (H./W./D.)	mm	800x470x310
Net dimensions O.U. (H./W./D.)	mm	509x525x250



### ULISSE

Features	Units	10CLA	10HLA	13PCLA
Cooling capacity	kW	2.98	Cooling	Cooling
	BTU/h	10,160	2.98	3.34
Energy Class	ABCDEFGF	A	A	A
E.E.R. / C.O.P.	(kW/kW)	3.22	3,22	3.67
Air flow rate (h.)/(h.m.l.)	m <sup>3</sup> /h	370	370	400-375-335
Dehumidification	l/h	1.2	1.2	1.9
Fan speed (I.U. / O.U.)	N°	3 + Auto / 1	3 + Auto / 1	3 + Auto / 1
Sound pressure I.U. (h.m.l.)	dB(A)	36-36-34	35-31-29	37-36-34
Sound pressure O.U. (h)	dB(A)	45	39	42
Electrical power supply	V/Ph/Hz	230/1/50	230/1/50	230/1/50
Power input	kW	0.925	0.925	0.910
Annual energy consumption in cooling mode - Dir. 2002/31/EC	kWh	463	463	625
Type of refrigerant		R410A	R410A	R410A
Standard pipe length	m	2	2	2
Additional pipe length	m	2-4	2-4	2-4
Maximum height difference between units (outdoor unit above)	m	1.2	1.2	1.2
Maximum height difference between units (outdoor unit below)	m	5.2	5.2	5.2
Net weight I.U. / O.U.	kg	44/9.5	44/15	44/15
Net dimensions I.U. (H./W./D.)	mm	790x580x245	790x580x245	790x580x245
Net dimensions O.U. (H./W./D.)	mm	435x440x230	490x525x250	490x525x250



The technical data provided refers to European Standard EN14511 - Directive 2002/31/EC

## JUNO DC INVERTER

		<b>9 DCI</b>		<b>12 DCI</b>		<b>18 DCI</b>		<b>24 DCI</b>	
Indoor unit		DCI 09 UI		DCI 12 UI		DCI 18 UI		DCI 24 UI	
Outdoor unit		DCI 09 UE		DCI 12 UE		DCI 18 UE		DCI 24 UE	
Features	Units	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity nominal (min.-max.)	kW	2.50 (0.5-3.2)	2.80 (0.8-3.6)	3.50 (0.51-3.90)	3.90 (0.88-4.40)	5.275 (1.26-6.60)	5.85 (1.12-6.80)	6.450 (1.4-7.0)	7.0 (1.2-8.2)
	BTU/h	8530 (1710-10910)	9550 (2730-12280)	11950 (1740-13300)	13300 (3000-15000)	18000 (4300-22500)	20000 (3800-23200)	22000 (4800-24000)	24000 (4100-28000)
Energy Class	ABCDEFGF	A	A	A	A	A	A	A	A
E.E.R. / C.O.P.	(kW/kW)	3.24	3.61	3.24	3.61	3.30	3.61	3.25	3.63
I.U. air flow rate (tu.-h.-m.-l.)	m³/h	550-500-400-300		600-500-400-300		850-780-650-550		900-800-700-550	
Dehumidification	l/h	0.8		1.4		2.0		2.5	
Fan speed (I.U. / O.U.)	N°	4/1		4/1		4/1		4/1	
Sound pressure I.U. (tu.-h.-m.-l.)	dB(A)	40-37-35-32		42-39-36-33		48-46-40-35		51-47-42-39	
Sound pressure O.U. (high speed)	dB(A)	50		52		54		54	
Electrical power supply	V/Ph/Hz	230/1/50		230/1/50		230/1/50		230/1/50	
Power input	kW	0.77 (0.25-1.36)	0.775 (0.21-1.38)	1.08 (0.23-1.30)	1.08 (0.25-1.45)	1.600 (0.38-2.65)	1.62 (0.35-2.65)	1.985 (0.35-2.5)	1.93 (0.35-0.27)
Annual energy cons. in cooling mode - Dir. 2002/31/EC	kWh	385 (125-680)	-	540 (115-650)	-	800 (190-1325)	-	992.5 (175-1250)	-
Compressor type		Rotary DC Inverter		Rotary DC Inverter		Twin Rotary DC Inverter		Twin Rotary DC Inverter	
Type of refrigerant		R410A		R410A		R410A		R410A	
Fluid pipe diameter	mm (")	6.35 (1/4")		6.35 (1/4")		6.35 (1/4")		6.35 (1/4")	
Gas pipe diameter	mm (")	9.52 (3/8")		9.52 (3/8")		12.7 (1/2")		12.7 (1/2")	
Length of pipes with standard charge	m	5		5		5		5	
Maximum length of pipes	m	15		20		30		30	
Maximum height difference (outdoor unit above)	m	10		10		10		10	
Maximum height difference (indoor unit above)	m	10		10		10		10	
Net dimensions I.U. (H./W./D.)	mm	265x790x170		275x845x180		298x940x200		315x1007x219	
Net dimensions O.U. (H./W./D.)	mm	540x776x320		540x776x320		700x890x340		700x955x396	
Net weight I.U. / O.U.	kg	9/27		11/29		12/38		14/48	

## JUNO DC INVERTER DUAL - outdoor unit

Features	Units	Cooling	Heating
Indoor units operating simultaneously	N°	2	
Capacity - nominal (min-max)	kW	5.0 (2.05-6.2)	5.6 (2.5-6.65)
	BTU/h	17000 (7000-21150)	19100 (8600-22700)
Energy Class	ABCDEFGF	A	A
E.E.R. / C.O.P.	(kW/kW)	3.23	3.64
O.U. air flow rate (h.-m.-l.)	m³/h	2600-2300-1600	
O.U. fan speed	N°	3	
Sound pressure O.U. (h.-m.-l.)	dB(A)	56-53-50	
Electrical power supply	V/Ph/Hz	230/1/50	
Power input - nominal (min-max)	kW	1.55 (0.5-2.55)	1.54 (0.58-2.7)
Annual energy consumption in cooling mode - Dir. 2002/31/EC	kWh	775 (250-1275)	-
Compressor type		Rotary (DC inverter)	
Type of refrigerant		R410A	
Fluid pipe diameter	mm (")	6.35 (1/4")	
Gas pipe diameter	mm (")	9.52(3/8") / 12.7 (1/2")	
Maximum length of pipes per unit	m	10	
Maximum total length of pipes	m	20	
Length of standard charging pipe - total	m	10 (5+5)	
Maximum height difference (outdoor unit above)	m	5	
Maximum height difference (indoor unit above)	m	5	
Net weight O.U.	kg	43	
Net dimensions O.U. (H./W./D.)	mm	596x899x378	



## JUNO DCI DUAL - indoor units

	Units	Cooling	Heating	Cooling	Heating
09					
12					
Power output	kW	2.60	2.80	3.5	3.8
Air flow rate	m³/h	500		630	
Fan speeds	N°	4		4	
Sound pressure (tu.-h.-m.-l.)	dB(A)	37-34-31-28		38-34-32-30	
Fluid pipe diameter	mm (")	6.35 (1/4")		6.35 (1/4")	
Gas pipe diameter	mm (")	9.52 (3/8")		9.52 (3/8")	
Net dimensions (H./W./D.)	mm	265x790x170		275x845x180	
Net weight	kg	9		10	

## 4 COMBINATIONS OF INDOOR UNITS

<b>1 unit</b>	<b>JUNO 09</b> <b>JUNO 12</b>	<b>2 units</b>	<b>JUNO 09 X 2</b> <b>JUNO 09 + 12</b>
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## JUNO ON / OFF

		<b>JUNO 09</b>		<b>JUNO 12</b>		<b>JUNO 18</b>		<b>JUNO 24</b>	
Indoor unit		JUNO 09 UI		JUNO 12 UI		JUNO 18 UI		JUNO 24 UI	
Outdoor unit		JUNO 09 UE		JUNO 12 UE		JUNO 18 UE		JUNO 24 UE	
Features	Units	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW	2.64	2.81	3.22	3.52	4.70	4.90	6.155	6.50
	BTU/h	9000	9600	10980	12000	16000	16700	21000	22200
Energy Class	ABCDEFGF	A	A	A	A	A	B	A	B
E.E.R. / C.O.P.	(kW/kW)	3.21	3.61	3.21	3.61	3.22	3.43	3.24	3.42
I.U. air flow rate (tu.-h.-m.-l.)	m³/h	400-350-310-280		550-500-420-350		850-780-650-550		850-780-650-550	
Dehumidification	l/h	0.8		1.2		1.8		2	
Fan speed (I.U. / O.U.)	N°	4/1		4/1		4/1		4/1	
Sound pressure I.U. (tu.-h.-m.-l.)	dB(A)	40-37-35-32		41-38-35-32		45-42-39-35		45-42-39-35	
Sound pressure O.U. (high speed)	dB(A)	50		52		55		56	
Electrical power supply	V/Ph/Hz	230/1/50		230/1/50		230/1/50		230/1/50	
Power input	kW	0.82	0.78	1.00	0.97	1.460	1.430	1.9	1.9
Annual energy cons.in cooling mode - Dir.2002/31/EC	kWh	410	-	500	-	730	-	950	-
Compressor type		Rotary		Rotary		Rotary		Rotary	
Type of refrigerant		R410A		R410A		R410A		R410A	
Fluid pipe diameter	mm (")	6.35 (1/4")		6.35 (1/4")		6.35 (1/4")		6.35 (1/4")	
Gas pipe diameter	mm (")	9.52 (3/8")		9.52 (3/8")		12.7 (1/2")		12.7 (1/2")	
Length of pipes with standard charge	m	5		5		5		5	
Maximum length of pipes	m	15		20		25		25	
Maximum height difference (outdoor unit above)	m	10		10		10		10	
Maximum height difference (indoor unit above)	m	10		10		10		10	
Net dimensions I.U. (H./W./D.)	mm	255x730x174		265x790x177		200x940x298		200x940x298	
Net dimensions O.U. (H./W./D.)	mm	540x776x320		540x776x320		540x848x320		378x913x680	
Net weight I.U. / O.U.	kg	8/31		9/31		13/40		13/46	

## Regulations on energy efficiency labelling

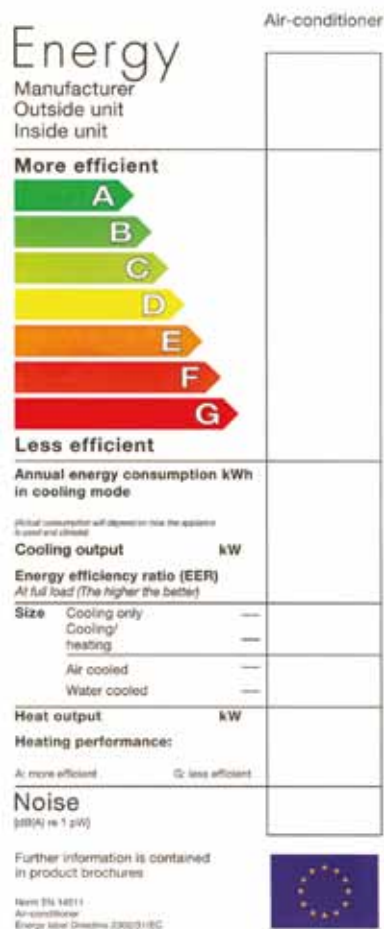
Argo air conditioners are compliant with the most recent European Standards for the reduction of energy consumption and atmospheric pollution. The labels that indicate the energy efficiency class were introduced with European Community directive 2002/31/EC, which makes reference to standard EN14511, which in turn provides precise reference tables for the energy efficiency class classification. Energy efficiency labels are applied to products (air conditioners with a cooling power of up to 12 kW) on display at retail outlets. They are provided to inform customers of the efficiency of the product they intend to purchase. The label is divided into two parts, a generic coloured label and an adhesive black and white label that must be applied over the coloured one.

Our company provides both the labels mentioned above. The generic label is supplied directly at retail outlets, whilst the specific one is placed inside the packaging of each air conditioner sold. In the event that the specific label has been lost, each retail outlet should be able to provide another immediately by downloading it from the Internet or requesting it from our marketing dept.

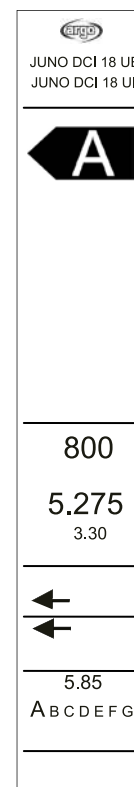
The energy efficiency label indicates the energy class; class A is the highest and is awarded based on tables that compare thermal efficiency and energy consumption. The indicators of the above ratio are known as: E.E.R. = Energy Efficiency Ratio: this is the ratio between cooling power (in kw) and power consumption in cooling mode (in kw). C.O.P. = coefficient of performance: this is the ratio between heating power (in kw) and power consumption in heating mode (in kw).

### Example of an energy efficiency label:

1) generic - coloured



2) specific - black/white





**improve your life**

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